

**Things to Know, Understand and Do**  
**For Chapter 4: Moving Electrons Pt 2 Ionic Comps**

*By the end of Chapter 4, you should*

<b>Know how to...</b>
How to determine the number of valence electrons an element has from the periodic table
How to determine how the charge of an ion from the number of valence electrons and/or the periodic table
What a polyatomic ion is
Explain how ionic bonds form
Determine the formula of an ionic formula given two ions.
Name an ionic compound from its given formula

<b>understand...</b>
What subscripts are and how they are determined for ionic compounds.

**Ch 4 Homework**

Due the day before the test. Must be completed neatly. Use full sentences and/or show all work in calculations for full credit where applicable. This assignment may be passed in anytime before the test though. Students may also elect to pass in questions in smaller chunks during the course of our coverage of the chapter if that is more conducive to their learning style.

Read the following parts of chapter: Lesson 19 (p 93-97)  
Lesson 20 (p 98-102)  
Lesson 21 (p 104-108)  
Lesson 22 (p 109-111)  
Lesson 23 (p 112-115)

Do the following problems:

P 97 Q 1, 3, 6, 8, 10, 11, 12  
P 102 Q 3 (a, b, c), 7  
P 108 Q 7 (a, b, d, e), 8 (a-e)  
P 111 Q 3, 4  
P 115 Q 4, 5